

THE CANADIAN ENTOMOLOGIST

Index to Volume 135 (2003)



THE ENTOMOLOGICAL SOCIETY OF CANADA, OTTAWA

- Alyokhin A. See Boiteau *et al.*, 1
- Aotsuka T. See Chen and Aotsuka, 143
- Archibald SB. See Engel and Archibald, 63
See Makarkin *et al.*, 637
- Argauer RA. See Shapiro and Argauer, 85
- Ashfaq M. See Erlandson *et al.*, 71
- Baguette M. See Schitzzelle *et al.*, 313
- Baldwin D. See Erlandson *et al.*, 71
- Barbagallo S, Cocuzza GE. Morphological discrimination of six species of the genus *Anuraphis* (Hemiptera: Aphididae), including description of a new species, 839
- Baute T. See Hunt *et al.*, 879
- Behringer AM. See Vernon *et al.*, 379
- Bentz BJ. See Hansen and Bentz, 697
- Bergh JC, Leskey TC. Biology, ecology, and management of dogwood borer in eastern apple orchards, 615
- Bjørnson S, Raworth DA. Effects of plant nutrition on the expression of abdominal discoloration in *Phytoseius persimilis* (Acar: Phytoseiidae), 129
- Boiteau G, Alyokhin A, Ferro DN. The Colorado potato beetle in movement, 1
- Boivin G, Nénon J-P. Variability and inheritance of the chorionic tubercles on eggs of *Listronotus oregonensis* (Coleoptera: Curculionidae), 765
- Borden JH. See Wardle and Borden, 733
- Boudreault C. See Mason *et al.*, 405
- Bourchier RS. Receptor characterization of nontarget butterflies for risk assessment of biological control with the egg parasitoid *Trichogramma minutum* (Hymenoptera: Trichogrammatidae), 449
See Lyons *et al.*, 685
- Branson DH. Reproduction and survival in *Melanoplus sanguinipes* (Orthoptera: Acrididae) in response to resource availability and population density: the role of exploitative competition, 415
- Braun L. See Erlandson *et al.*, 71
- Braun MP. See Olfert *et al.*, 303
- Broadbent AB, Rhainds M, Shipp L, Murphy G, Wainman L. Pupation behaviour of western flower thrips (Thysanoptera: Thripidae) on potted chrysanthemum, 741
- Buddle CM, Hammond HEJ. Comparison of ground beetles (Coleoptera: Carabidae) and spiders (Araneae) collected in pan and pitfall traps, 609
- Chandler BW. See Prokopy *et al.*, 909
- Charlet LD. See Foster *et al.*, 713
- Chen H-w, Aotsuka T. Survey of the genus *Leucophenga* (Diptera, Drosophilidae) from Iriomote-jima, Japan, with descriptions of three new species, 143
- Chen J-x. See Wang *et al.*, 823
- Chen X-S. Key to genera of the tribe Tropidocephalini (Hemiptera: Fulgoroidea: Delphacidae) from the People's Republic of China, with description of a new genus, 811
- Christiansen K. See Wang *et al.*, 823
- Cocuzza GE. See Barbagallo and Cocuzza, 839
- Cook J. See Peck and Cook, 775
- Currie RW. See Gatien and Currie, 749
- de Groot P, Poland TM. Attraction of *Hylastes opacus* (Coleoptera: Scolytidae) to nonanal, 309
- Dixon PL. See Hillier *et al.*, 139
- Doane JF. See Olfert *et al.*, 303
- Douglas H. Revision of *Cardiophorus* (Coleoptera: Elateridae) species of eastern Canada and United States of America, 493
- Duchateau MJ. See Kwon *et al.*, 893
- Eberhard WG. Sexual behaviour and morphology of *Themira minor* (Diptera: Sepsidae) males and the evolution of male sternal lobes and genitalic surstyli, 569
- Eigenbrode SD. See Rutledge and Eigenbrode, 93
- Elliott B. See LeSage and Elliott, 587
- Engel MS, Archibald SB. An Early Eocene bee (Hymenoptera: Halictidae) from Quilchena, British Columbia, 63
- Erlandson M, Braun L, Baldwin D, Soroka J, Ashfaq M, Hegedus D. Molecular markers for *Peristenus* spp. (Hymenoptera: Braconidae) parasitoids associated with *Lugus* spp. (Hemiptera: Miridae), 71
- Eveleigh ES, Pollock SJ, Goulet H, Huber J. Identification of cocoons of *Apanteles* and *Dolichogenidea* (Hymenoptera: Braconidae) species attacking *Choristoneura fumiferana* (Lepidoptera: Tortricidae) and associated Microlepidoptera, 677
- Ferro DN. See Boiteau *et al.*, 1
- Filotas MJ, Hajek AE, Humber RA. Prevalence and biology of *Furia gastropachae* (Zygomycetes: Entomophthorales) in populations of forest tent caterpillar (Lepidoptera: Lasiocampidae), 359

- Finn EM. See Liburd *et al.*, 427
- Floate KD. Field trials of *Trichomalopsis sarcophagae* (Hymenoptera: Pteromalidae) in cattle feedlots: a potential biocontrol agent of filth flies (Diptera: Muscidae), 599
- Footit R. See Hunt *et al.*, 879
- Foster SP, Morris BD, Charlet LD, Gross T, Grugel S. Identification of the sex pheromone of *Cochylis arthuri* (Lepidoptera: Cochylidae), 713
- Gagnier D. See Hunt *et al.*, 879
- Galloway TD. See Mironov and Galloway, 655
- Gatien P, Currie RW. Timing of acaracide treatments for control of low-level populations of *Varroa destructor* (Acar: Varroidae) and implications for colony performance of honey bees, 749
- Gillette NE. See Sun *et al.*, 721
- Goulet H. See Eveleigh *et al.*, 677
- Gross T. See Foster *et al.*, 713
- Grossrieder M. See Mason *et al.*, 405
- Grugel S. See Foster *et al.*, 713
- Hajek AE. See Filotas *et al.*, 359
- Hammond HEJ. See Buddle and Hammond, 609
- Hansen EM, Bentz BJ. Comparison of reproductive capacity among univoltine, semivoltine, and re-emerged parent spruce beetles (Coleoptera: Scolytidae), 697
- Hegedus D. See Erlandson *et al.*, 71
- Helson BV. See Lyons *et al.*, 685
- Hillier NK, Dixon PL, Larson DJ. Efficacy of five pheromone trap designs in trapping male *Grapholita libertina* (Lepidoptera: Tortricidae), 139
- Huber JT, Moreau G. New synonymy and new sawfly host records for *Cirrospilus vittatus* (Hymenoptera: Eulophidae) in North America, 669
See Eveleigh *et al.*, 677
- Humber RA. See Filotas *et al.*, 359
- Humble LM. See Zilahi-Balogh *et al.*, 103
- Hunt D, Footit R, Gagnier D, Baute T. First Canadian records of *Aphis glycines* (Hemiptera: Aphididae), 879
- Jones GC. See Lyons *et al.*, 685
- Kabaluk JT. See Vernon *et al.*, 379
- Kang L. See Sun *et al.*, 721
- Klimaszewski J. Aleocharinae rove beetles (Coleoptera: Staphylinidae) of the ancient Sitka spruce forest on Vancouver Island, British Columbia, Canada: new synonymy and generic considerations, 867
- Klimaszewski J, Pohl G, Pelletier, G. Revision of the Nearctic *Silusa* (Coleoptera, Staphylinidae, Aleocharinae), 159
- Kok LT. See Zilahi-Balogh *et al.*, 103
- Kuhlmann U. See Mason *et al.*, 405
- Kwon YJ, Saeed S, Duchateau MJ. Control of *Plodia interpunctella* (Lepidoptera: Pyralidae), a pest of *Bombus terrestris* (Hymenoptera: Apidae) colonies, 893
- Lafontaine JD. See Troubridge and Lafontaine, 53
- Lafontaine JD, Troubridge JT. Review of the genus *Cosmia* (Lepidoptera: Noctuidae) in North America, with description of a new species, 325
- Lafontaine JD, Mikkola K. New species of *Xanthia* (Lepidoptera: Noctuidae) from North America, 549
- Lamb AB. See Zilahi-Balogh *et al.*, 103
- Larson DJ. See Hillier *et al.*, 139
- Le Boulegé É. See Schlickzelle *et al.*, 313
- LeSage L, Elliott B. Major range extension of the lily leaf beetle (Coleoptera: Chrysomelidae), a pest of wild and cultivated Liliaceae, 587
- Leskey TC. See Bergh and Leskey, 615
- Li S. Notes on larval instars and adult antennae of *Neodiprion abietis* (Hymenoptera: Diprionidae), 745
- Liburd OE, Finn EM, Pettit KL, Wise JC. Response of blueberry maggot fly (Diptera: Tephritidae) to imidacloprid-treated spheres and selected insecticides, 427
- Lowery DT. See Smirle *et al.*, 117
- Lyons DB, Helson BV, Bourchier RS, Jones GC, McFarlane JW. Effects of azadirachtin-based insecticides on the egg parasitoid *Trichogramma minutum* (Hymenoptera: Trichogrammatidae), 685
- MacGregor JD. See Thurston and MacGregor, 583
- Makarkin VN, Archibald SB, Oswald JD. New Early Eocene brown lacewings (Neuroptera: Hemerobiidae) from western North America, 637
- Mason PG, Olfert O, Sluchinski L, Weiss RM, Boudreault C, Grossrieder M, Kuhlmann U. Actual and potential distribution of an invasive canola pest, *Meligethes viridescens* (Coleoptera: Nitidulidae), in Canada, 405

- Matheson FO. See Turnock *et al.*, 391
- McBrien HL, Millar JG. Substrate-borne vibrational signals of the Conspicuous stink bug (Hemiptera: Pentatomidae), 555
- McFarlane JW. See Lyons *et al.*, 685
- McKee J. See Pearce *et al.*, 337
- McKenney D. See Pearce *et al.*, 337
- Miao Z. See Sun *et al.*, 721
- Mier Durante MP, Nieto Nafria JM, Ortego J. Aphidini (Hemiptera: Aphididae) living on *Senecio* (Asteraceae), with descriptions of a new genus and three new species, 187
- Aphidini (Hemiptera: Aphididae) living on *Senecio* (Asteraceae), with descriptions of a new genus and three new species — ERRATUM, 613
- Mikkola K. See Lafontaine and Mikkola, 549
- Millar JG. See McBrien and Millar, 555
- Mironov SV, Galloway TD. Two new feather mites (Acari: Astigmata) from the Turkey Vulture (Ciconiiformes: Cathartidae) in Canada, 655
- Moreau G. See Huber and Moreau, 669
- Morón M-A. Revision of the *Phyllophaga* s.s. *schizorrhina* species group (Coleoptera: Melolonthidae: Melolonthinae), 213
- Morón MA, Paucar-Cabrera A. Larvae and pupae of species of the genus *Macraspis* (Coleoptera: Scarabaeidae: Ruelinae: Ruelini), 467
- Morris BD. See Foster *et al.*, 713
- Murphy G. See Broadbent *et al.*, 741
- Muza AJ. See Nagarkatti *et al.*, 589
- Nagarkatti S, Tobin PC, Saunders MC, Muza AJ. Release of native *Trichogramma minutum* to control grape berry moth, 589
- Nealis VG, Turnquist R. Predicting defoliation by *Choristoneura biennis* (Lepidoptera: Tortricidae), 903
- Nénon J-P. See Boivin and Nénon, 765
- Nieto Nafria JM. See Mier Durante *et al.*, 187, 613
- Ocampo FC. A new genus and two new species of Hybosoridae (Coleoptera: Scarabaeoidea) from Costa Rica, Panama, and Colombia, 41
- Olvert O, Doane JF, Braun MP. Establishment of *Platygaster tuberosula*, an introduced parasitoid of the wheat midge, *Sitodiplosis mosellana*, 303
- See Mason *et al.*, 405
- Ortego J. See Meir Durante *et al.*, 187, 613
- Oswald JD. See Makarkin *et al.*, 637
- Ovruski SM, Schliserman P. Opiine and Eucoiline (Hymenoptera: Braconidae and Figitidae, respectively) parasitoids of *Anastrepha fraterculus* (Diptera: Tephritidae) in citrus orchard areas in Corrientes, north-eastern Argentina, 863
- Owen DR. See Sun *et al.*, 721
- Paucar-Cabrera A. See Moron and Paucar-Cabrera, 467
- Pearce JL, Venier LA, McKee J, Pedlar J, McKenney D. Influence of habitat and microhabitat on carabid (Coleoptera: Carabidae) assemblages in four stand types, 337
- Peck SB, Cook J. Neotropical species of *Dietta* (Coleoptera: Leiodidae: Leiodinae: Estadiini), 775
- Pedlar J. See Pearce *et al.*, 337
- Pelletier G, Piché C. Species of *Telenomus* (Hymenoptera: Scelionidae) associated with the hemlock looper (Lepidoptera: Geometridae) in Canada, 23
- See Klimaszewski *et al.*, 159
- Pettit KL. See Liburd *et al.*, 427
- Piché C. See Pelletier and Piché, 23
- Pohl G. See Klimaszewski *et al.*, 159
- Poland TM. See de Groot and Poland, 309
- Pollock SJ. See Eveleigh *et al.*, 677
- Prokopy RJ, Chandler BW, Wright SE. Improved sugar delivery onto pesticide-treated spheres for controlling *Rhagoletis pomonella* (Diptera: Tephritidae), 909
- Raworth DA. See Björnsson and Raworth, 129
- Rhainds M. See Broadbent *et al.*, 741
- Roden DB. Influence of burlap-band colour on larval, pupal, and egg-mass counts of *Lymantria dispar* (Lepidoptera: Lymantriidae), 869
- Roland J. See Schmidt and Roland, 439
- Rutledge CE, Eigenbrode SD. Epicuticular wax on pea plants decreases instantaneous search rate of *Hippodamia convergens* larvae and reduces attachment to leaf surfaces, 93
- Saeed S. See Kwon *et al.*, 893
- Salom SM. See Zilahi-Balogh *et al.*, 103

- Saunders MC. See Nagarkatti *et al.*, 589
- Schliserman P. See Ovruski and Schliserman, 863
- Schmidt BC, Roland J. Developing techniques for monitoring forest tent caterpillar populations using synthetic pheromones, 439
- Schtickzelle N, Baguette M, Le Boulengé É. Modelling insect demography from capture-recapture data: comparison between the constrained linear models and the Jolly-Seber analytical method, 313
- Shapiro M, Argauer RA. Stilbenes as enhancers for gypsy moth (Lepidoptera: Lymantriidae) nucleopolyhedrovirus, 85
- Shipp L. See Broadbent *et al.*, 741
- Sluchinski L. See Mason *et al.*, 405
- Smirle MJ, Lowry DT, Zurowski CL. Variation in response to insecticides in two species of univoltine leafrollers (Lepidoptera: Tortricidae), 117
- Soroka J. See Erlandson *et al.*, 71
- Stein JD. See Sun *et al.*, 721
- Stephen FM. See VanLaerhoven and Stephen, 737
- Sun J, Gillette NE, Miao Z, Kang L, Zhang Z, Owen DR, Stein JD. Verbenone interrupts attraction to host volatiles and reduces attack on *Pinus tabuliformis* (Pinaceae) by *Dendroctonus valens* (Coleoptera: Scolytidae) in the People's Republic of China, 721
- Thurston GS, MacGregor JD. Body size - realized fecundity relationship of white-marked tussock moth, 583
- Tobin PC. See Nagarkatti *et al.*, 589
- Troubridge JT, Lafontaine JD. A review of the pine-feeding *Lithophane lepida* species group (Lepidoptera: Noctuidae), with descriptions of two new species, 53
See Lafontaine and Troubridge, 325
- Turnock WJ, Wise IL, Matheson FO. Abundance of some native coccinellines (Coleoptera: Coccinellidae) before and after the appearance of *Coccinella septempunctata*, 391
- Turnquist R. See Nealis and Turnquist, 903
- VanLaerhoven SL, Stephen FM. Host species influences body size and egg load of the bark beetle parasitoid *Ropirocerus xylophagorum* (Hymenoptera: Pteromalidae), 737
- Venier LA. See Pearce *et al.*, 337
- Vernon RS, Kabaluk JT, Behringer AM. Aggregation of *Agriotes obscurus* (Coleoptera: Elateridae) at cereal bait stations in the field, 379
- Wainman L. See Broadbent *et al.*, 741
- Wang F, Chen J-x, Christiansen K. Taxonomy of the genus *Lepidocyrtus* s.l. (Collembola: Entomobryidae) in East and Southeast Asia and Malaysia, with description of a new species from the People's Republic of China, 823
- Wardle AR, Borden JH. Sexual attraction among *Lygus* (Hemiptera: Miridae) species, 733
- Weiss RM. See Mason *et al.*, 405
- Whittington R, Winston ML. Are bumble bee colonies in tomato greenhouses obtaining adequate nutrition?, 883
- Winston ML. See Whittington and Winston, 883
- Wise JC. Liburd *et al.*, 427
- Wise IL. See Turnock *et al.*, 391
- Wright SE. See Prokopy *et al.*, 909
- Zhang Z. See Sun *et al.*, 721
- Zilahi-Balogh GMG, Humble LM, Lamb AB, Salom SM, Kok LT. Seasonal abundance and synchrony between *Laricobius nigrinus* (Coleoptera: Derodontidae) and its prey, the hemlock woolly adelgid (Hemiptera: Adelgidae), 103
- Zurowski CL. See Smirle *et al.*, 117